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DATE: August 2, 2007

TO: Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

RE: Examiner: Shubo ZHOU, Group Art Unit: 1631  
U.S. Patent Application No. 10/672,937  
Filed: September 26, 2003  
Confirmation No.: 9457  
Attorney Docket No.: ABIOS.042A (5010-350)

FROM: Scott D. Balderston, Esq. *SDB*

FAC. NO.: (571) 273-8300

**NUMBER OF PAGES (INCLUDING THIS COVER SHEET): 20**

Items Attached: Transmittal Form 1 page  
Amendment and Reply 18 pages

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Virginia J. Byers

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Signature 

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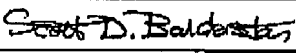

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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0551-0031

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	10/672,937				
		Filing Date	September 26, 2003				
		First Named Inventor	Timothy B. STOCKWELL				
		Group Art Unit	1631				
		Examiner Name	Shubo ZHOU				
Total Number of Pages in This Submission		19	Attorney Docket Number	BIOS.042A (5010-350)			
<b>ENCLOSURES (check all that apply)</b>							
<table border="0"> <tr> <td> <input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment / Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53         </td> <td> <input type="checkbox"/> Amended Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation  <input type="checkbox"/> Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)  <input type="checkbox"/> After Allowance Communication to Group         </td> <td> <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Request for Status  <input type="checkbox"/> Acknowledgement Postcard  <input type="checkbox"/> Other Enclosure(s) (please identify below):   <p style="text-align: center;">Customer No. 35411</p> </td> <td>           Remarks         </td> </tr> </table>				<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Amended Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> After Allowance Communication to Group	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Request for Status <input type="checkbox"/> Acknowledgement Postcard <input type="checkbox"/> Other Enclosure(s) (please identify below):  <p style="text-align: center;">Customer No. 35411</p>	Remarks
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Amended Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> After Allowance Communication to Group	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Request for Status <input type="checkbox"/> Acknowledgement Postcard <input type="checkbox"/> Other Enclosure(s) (please identify below):  <p style="text-align: center;">Customer No. 35411</p>	Remarks				
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>							
Firm or Individual name		Scott D. Balderston, Esq.					
Signature							
Date		August 2, 2007					
<b>CERTIFICATE OF MAILING</b>							
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Type or printed name		Virginia J. Byers					
Signature							
		Date	August 2, 2007				

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Virginia J. Byers

Name (Print)

Signature

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.	:	10/672,937	Confirmation No.:	9457
Applicants	:	Timothy B. STOCKWELL et al.		
Filed	:	September 26, 2003		
TC/A.U.	:	1631		
Examiner	:	Shubo ZHOU		
Attorney Docket No.	:	ABIOS.042A (5010-350)		
Customer No.:	:	35411		

**AMENDMENT AND REPLY**

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

August 2, 2007

Sir:

This Amendment and Reply is in response to the Office Action mailed May 2, 2007, for which the Examiner has set a three-month period for response, thus making a response due on or before August 2, 2007.

*Please amend the above-identified application as follows:*

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 15 of this paper.